

FIG. 1

Fig. 2

102

Figure 3

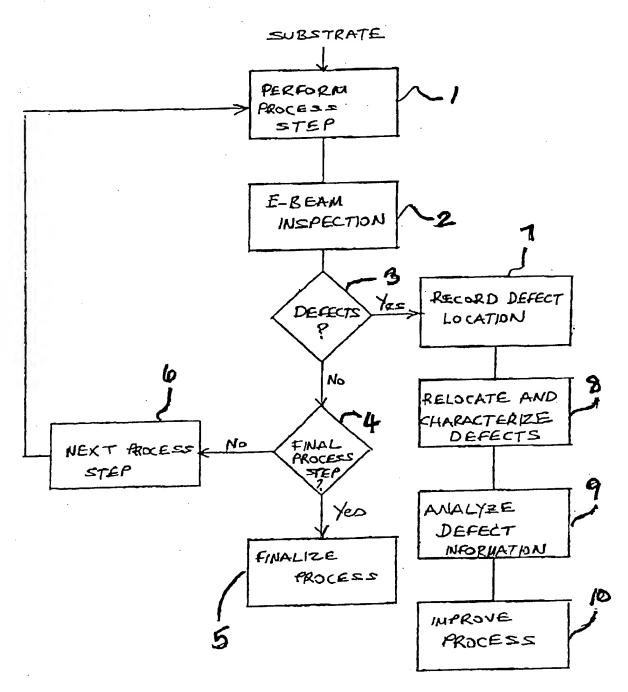
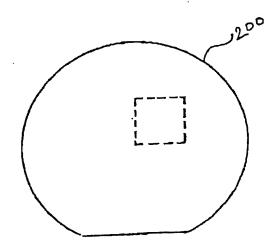
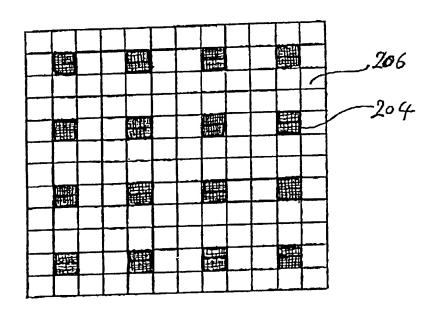


FIGURE 4a





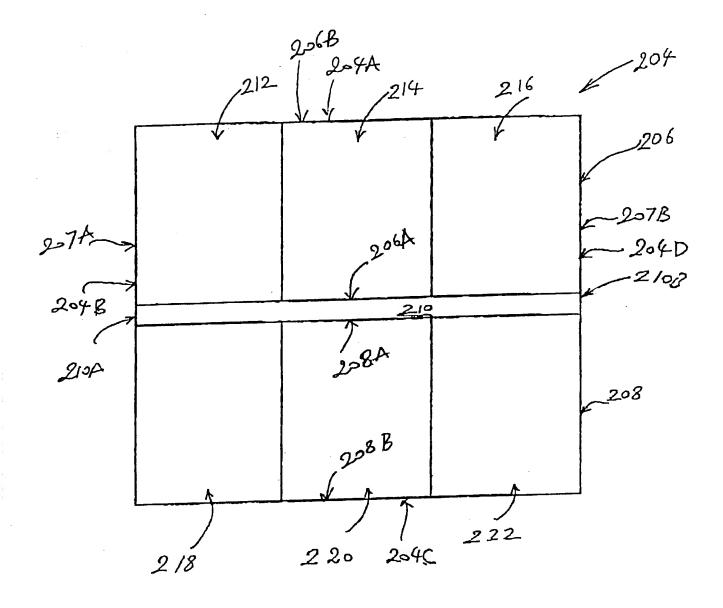


Fig. 4C

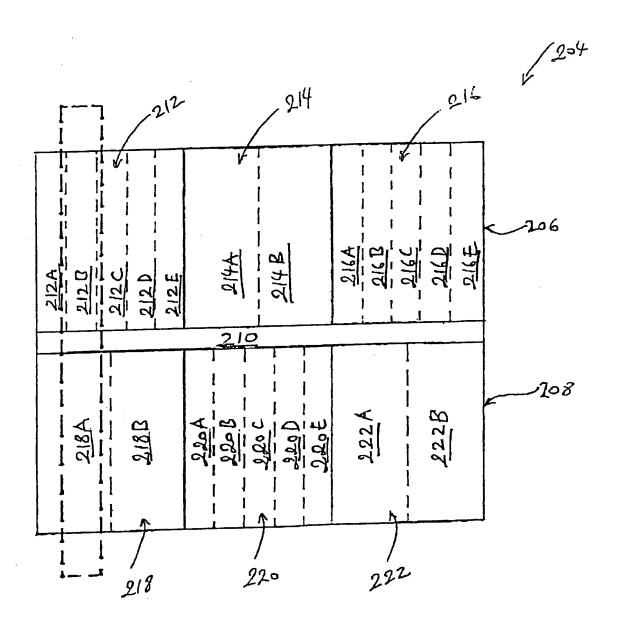


Fig. 4D

.20(B 4/2 FIG. FIGURE 402 409 -206 204 406 206A-#6. 24<del>A</del> L - -+

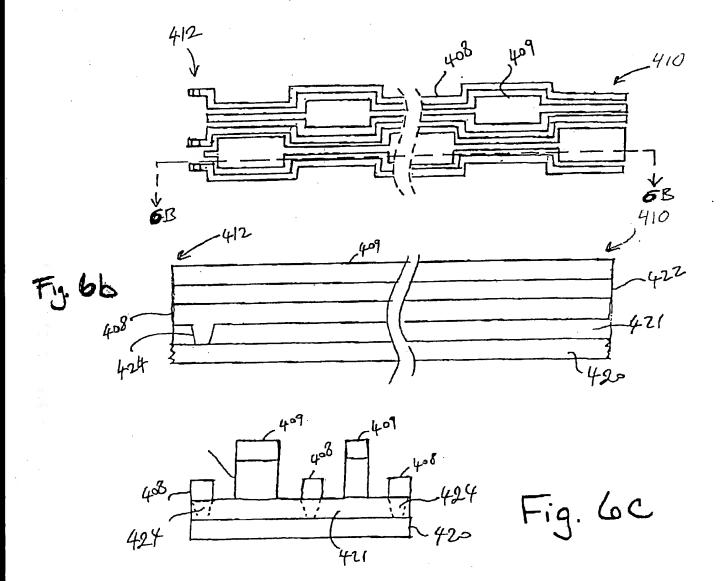
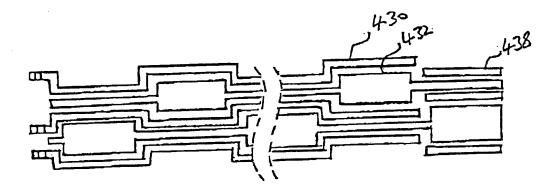
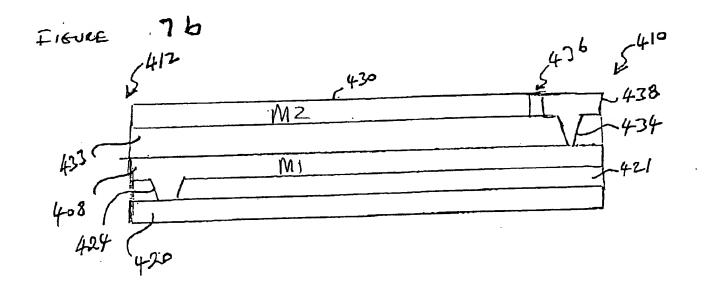


Figure 7a





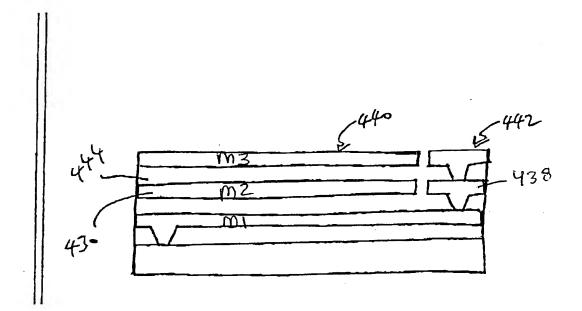
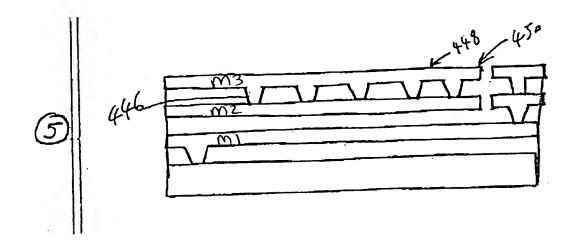
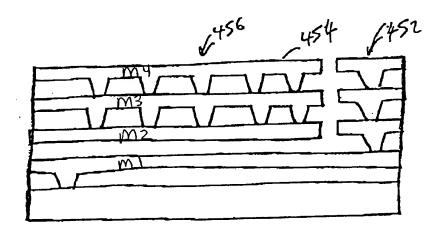
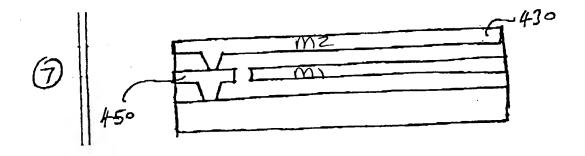
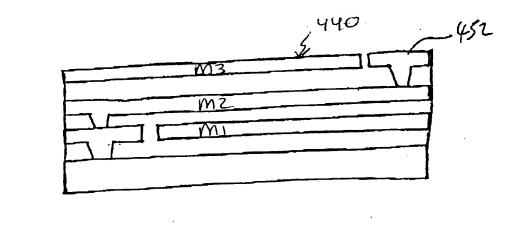


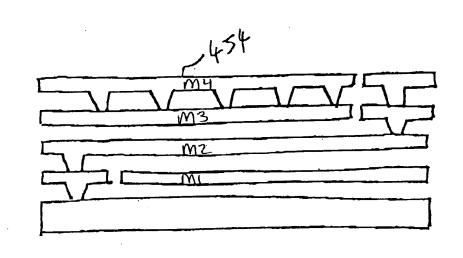
FIGURE G

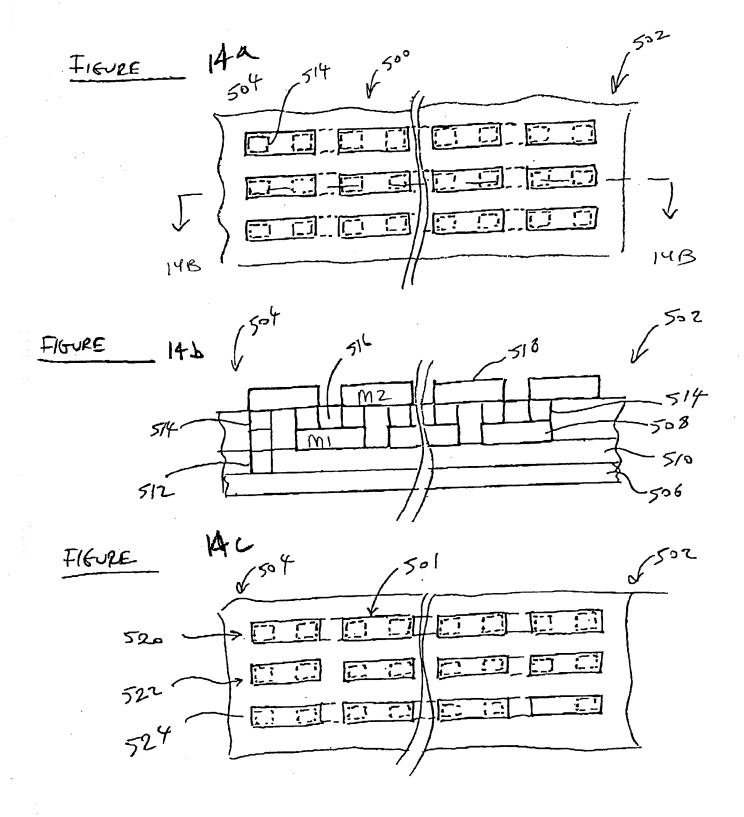












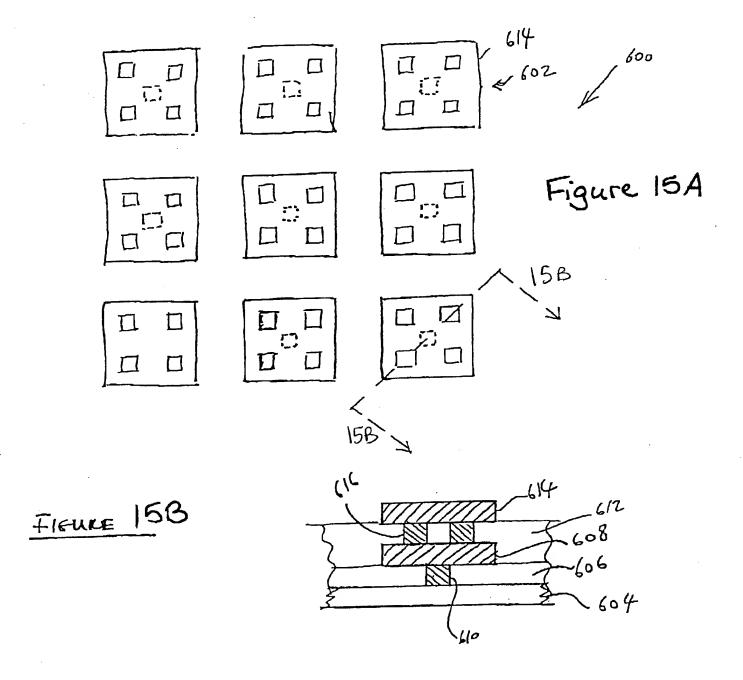
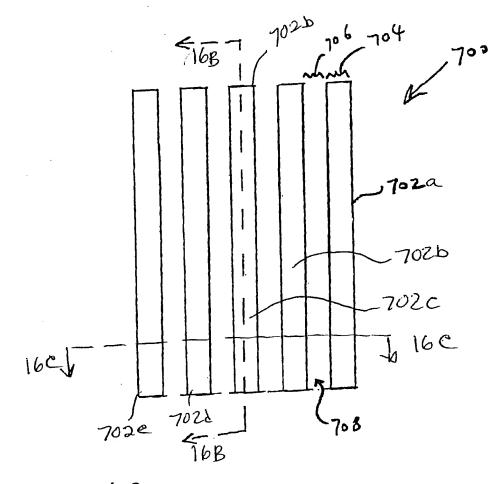
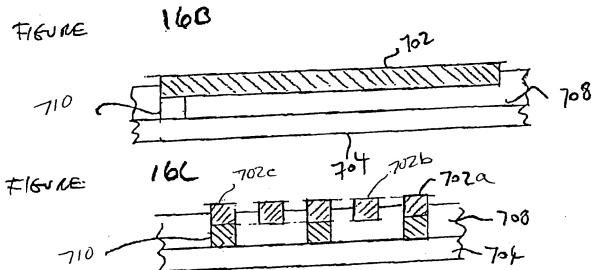
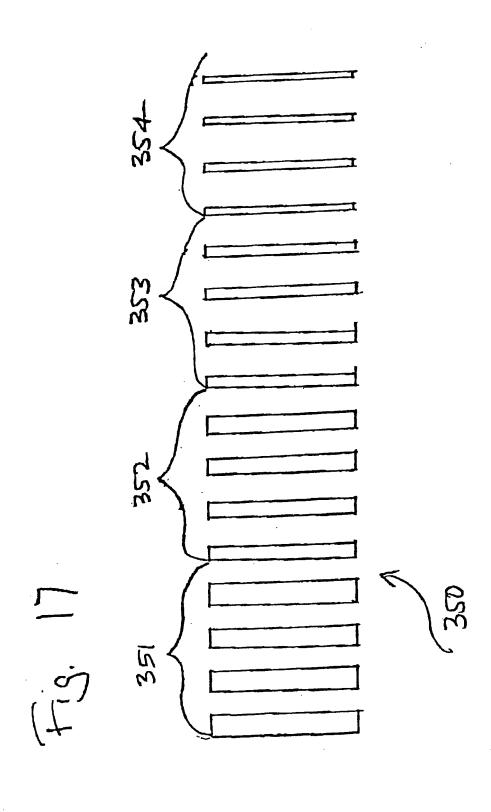
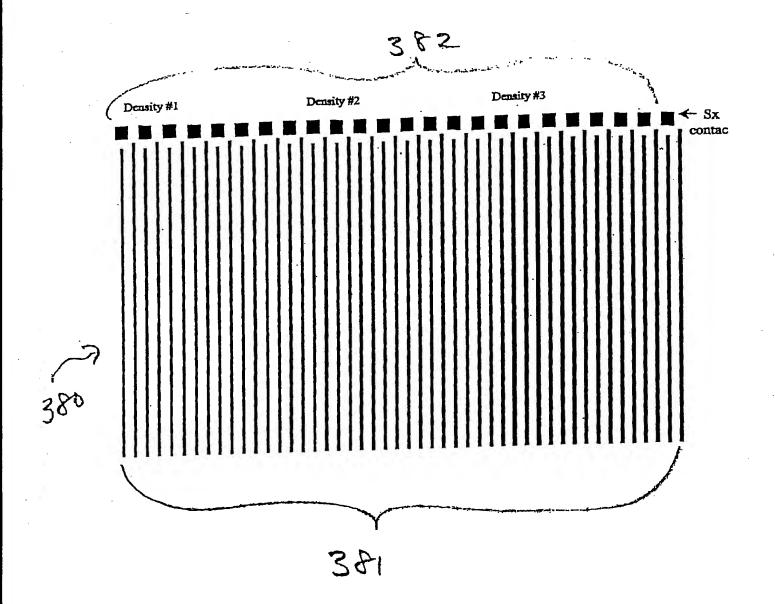


FIGURE 16 A

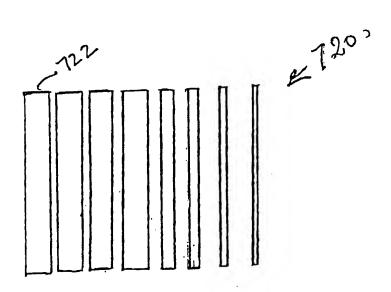


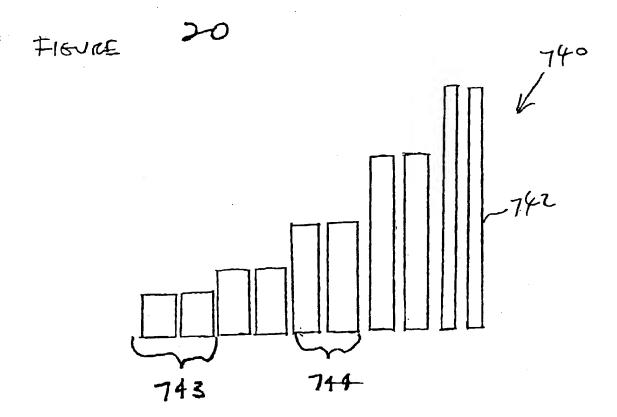






F19-12





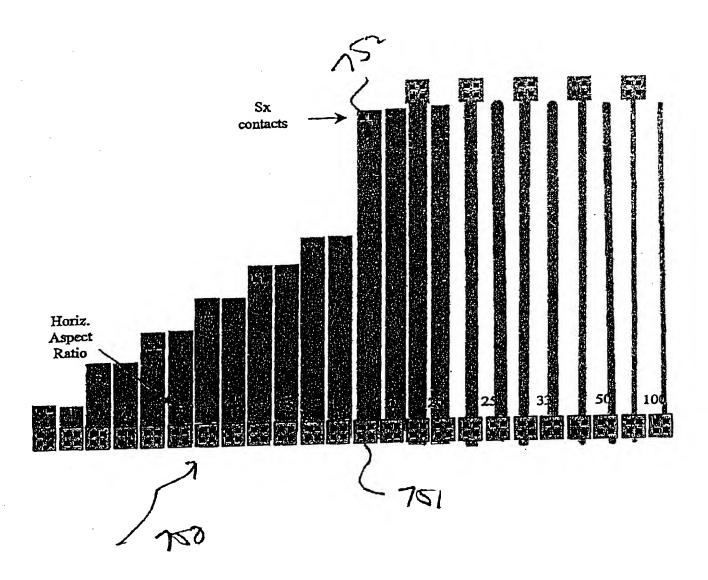


Figure 21

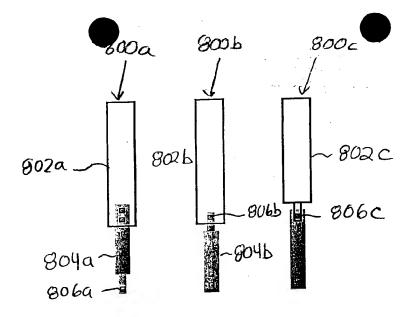


Figure 22A: X Overlay Structures: M1 to Contact, Via to M1, M2 to Via

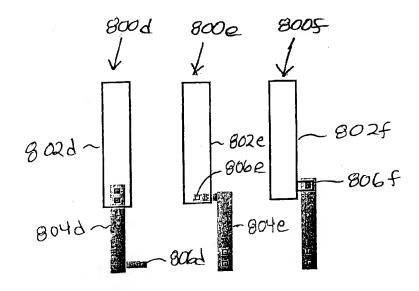


Figure 22B: Y Overlay Structures: M1 to Contact, Via to M1, M2 to Via

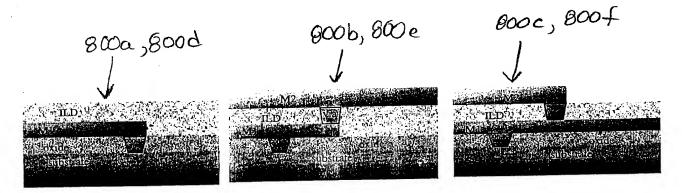


Figure 22C: Cross sections of overlay structures: M1 to Substrate, Via to M1, M2 to Via

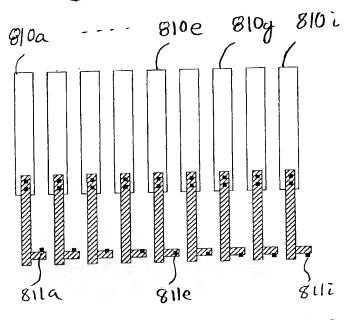


Figure 23A: A portion of the M1 to Contact, Y component, Overlay Structure

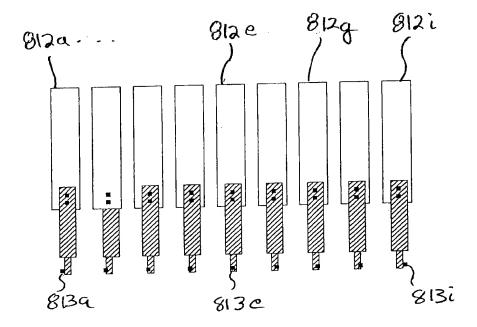
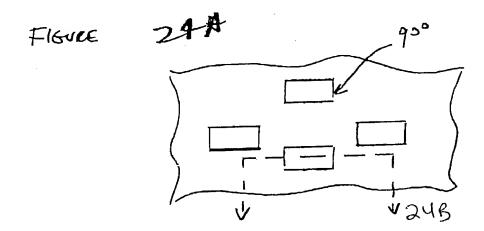
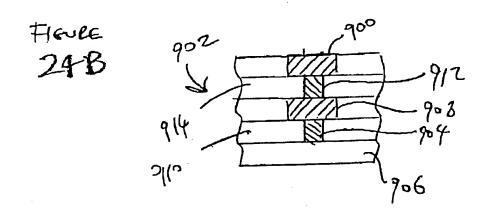


Figure 23B: A portion of the M1 to Contact, X component, Overlay Structure





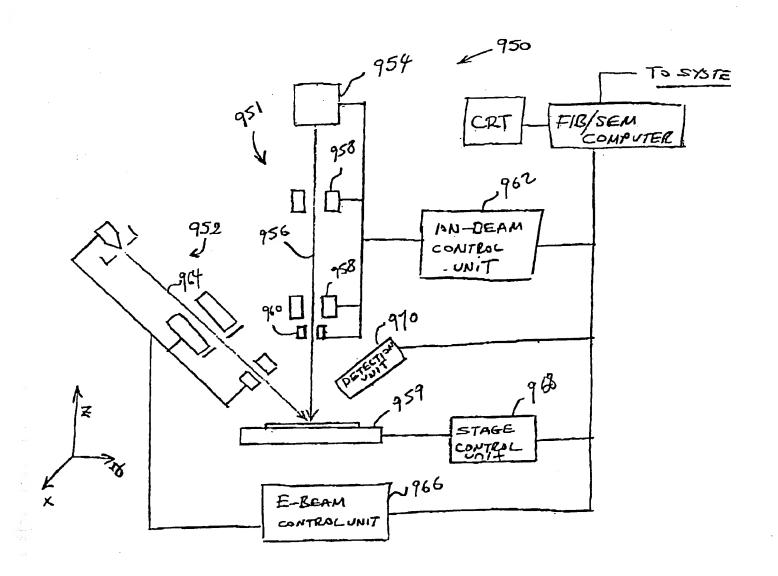


Fig. 25

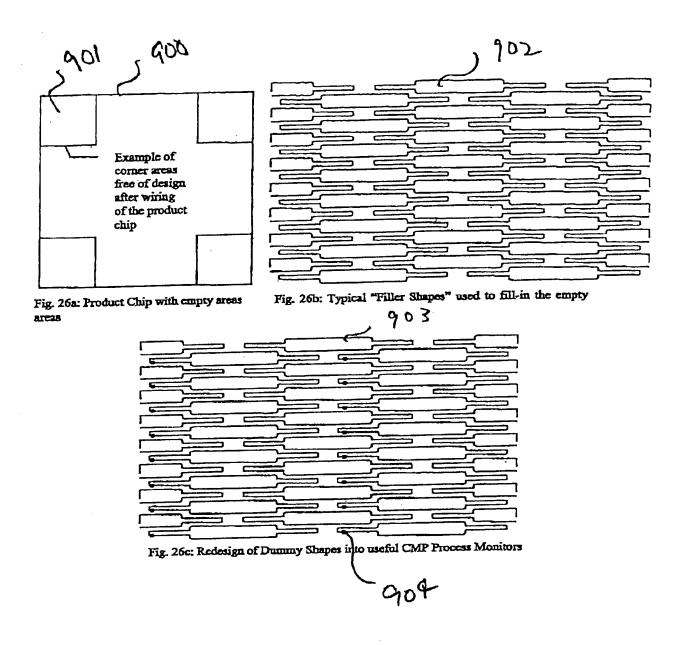
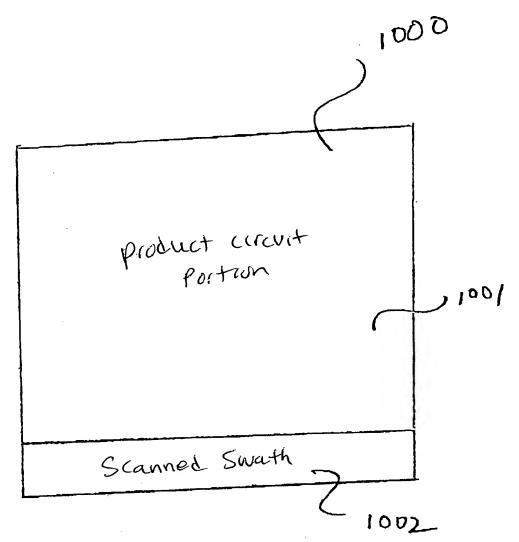


Fig. 27



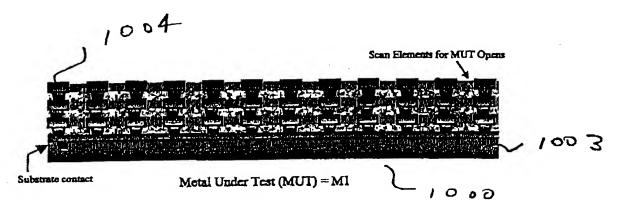
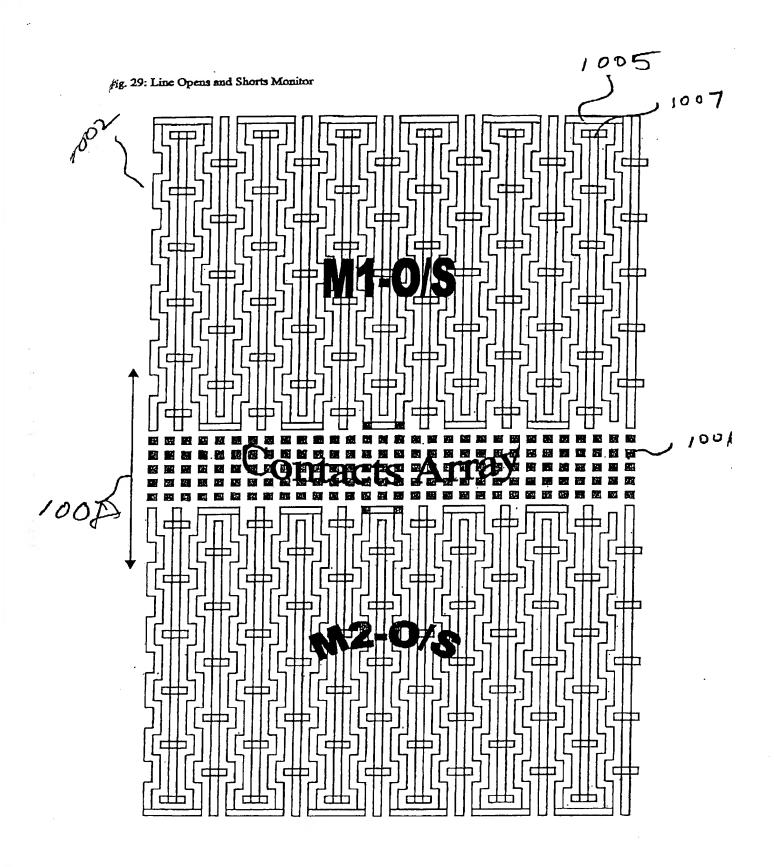
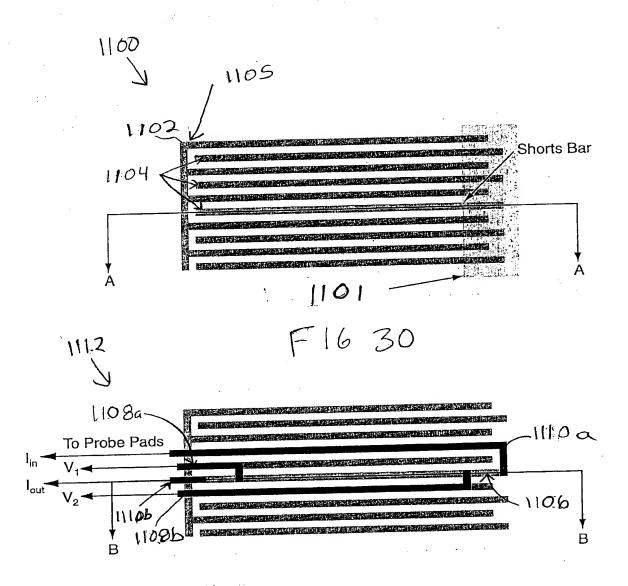
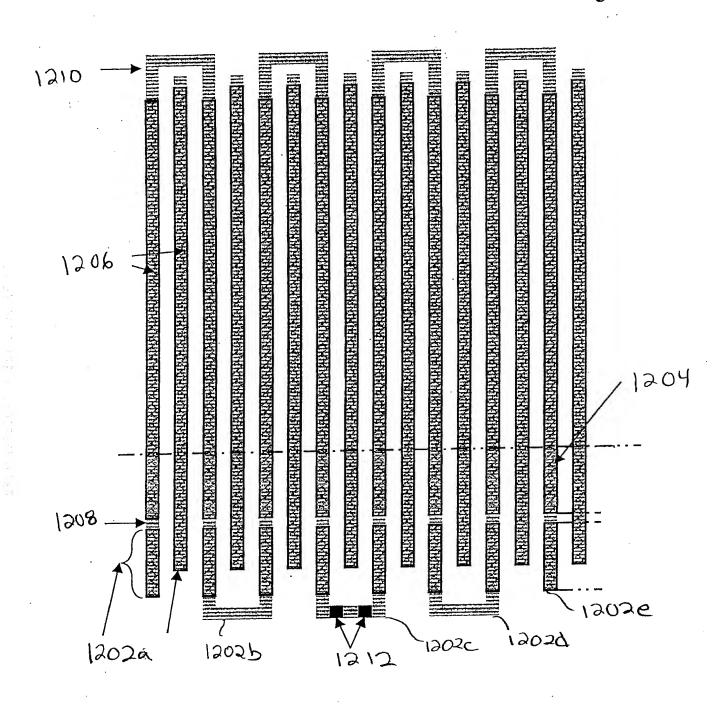


Fig. 28: Cross-section View of the Vertical Taps over the Metal-under-Test Opens Monitor



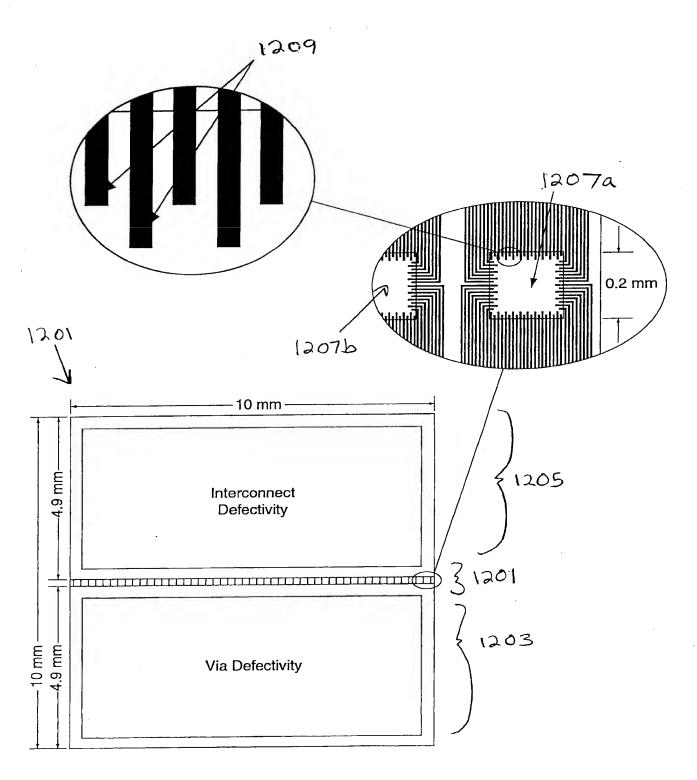


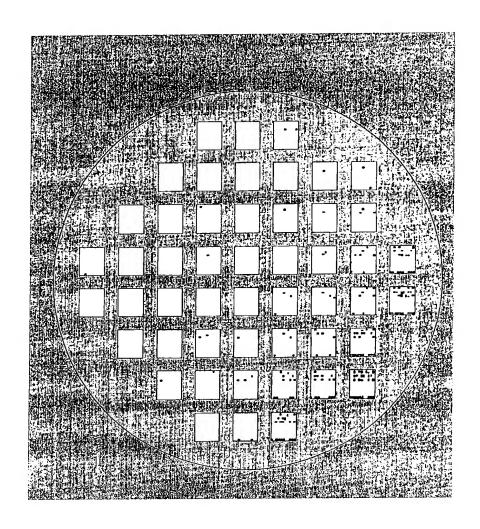
F16 31



F16. 32

F16. 33





F16.34

